

TRISHIN, F. I.

"Electrochronometry." Sub 4 Apr 51, Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756620007-7

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756620007-7"

TRISHIN, E.I.; VODATURSKIY, G.A.

Method for fast determination of the ash content of flour. Inv.
vys. ucheb. zav.; pishch. tekhn. no.1113-116 '58. (MIRA 11:8)

I. Odesskiy tekhnologicheskiy institut imeni I.V. Stalina, Kafedra
analiticheskoy khimii.
(Flour--Analysis)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756620007-7

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APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756620007-7"

ZHDANOVA, M.A.; TRISHIN, F.I.

Method for the spectral analysis of the chemical element composition
of corn kernels. Izv.vys.ucheb.zav.; pishch.tekh. no.5:143-146
'63. (MIRA 16:12)

1. Odesskiy tekhnologicheskiy institut imeni Lomonosova, kafedra
neorganicheskoy i analiticheskoy khimii.

MOCHALOVA, A.; BOITYANSKIY, A.; TRISHIN, G.

State Bank control over the delivery of goods in the trade system. Den.1 kred. 18 no.2:60-63 F '60. (MIRA 13:1)
(Russia--Commerce) (Credit)

SOLNTSEVA, Antonina Yevstaf'yevna, kand. sel'khoz. nauk; TRISHIN, Ivan
Yefimovich, agronom; MIKHNEVICH, A.Ye., red.; TSYURKO, M.I.,
tekhn. red.

[Important possibilities for increasing crop yields] Vazhnyi re-
zerv povysheniia urozhainosti. Orenburg, Orenburgskoe knizhnoe
izd-vo, 1960. 27 p. (MIRA 14:12)

(Crop yields)

ALEKSEYEV, V.Ya.; KONSTANTINOV, A.A.; PEREPELKIN, V.V.; SOKOLOVA, I.A.;
TRISHIN, N.V.

Apparatus for measuring external alpha and beta emissions and
the relative nonuniformity of the distribution of activity
over the surfaces of large distributed alpha and beta emitters.
Trudy inst. Kom. stand., mer i izm. prib. no.69:23-41 '62.
(MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii
im. Mendeleyeva.

L 2594-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)
ACCESSION NR: AP5019196

UR/0115/65/000/006/0006/0008
535.82:531.71

16
B

AUTHOR: Trishin, N. V.

(1/1)

TITLE: Measuring small difference in length by a double photoelectric microscope

SOURCE: Izmeritel'naya tekhnika, no. 6, 1965, 6-8

TOPIC TAGS: microscope, photoelectric microscope

ABSTRACT: An improvement (Author's Certificate 807537/26-10, of 12 Dec 62) of a double photoelectric microscope which serves to precisely measure the notch position in gauge blocks, etc., is briefly described. Separate scanning of notches through two slits, with one mirror vibrator, is suggested. An electronic measuring device has two channels. The separate scanning and the two pulse-converting channels enhance the microscope resolution to a point when the lengths difference being measured can be smaller than the width of the notch. The principle of operation, a block diagram, and formulas for calculating errors are presented. Orig. art. has: 3 figures and 17 formulas.

Card 1/2

L 2594-66

ACCESSION NR: AP5019196

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, OP

NO REF SOV: 002

OTHER: 000

Card 2/2

ACC NR: AT7000581

SOURCE CODE: UR/2589/65/000/078/0049/0063

AUTHOR: Kayak, L. K.; Toropin, S. I.; Trishin, N. V.; Yachmentsev, O. V.

ORG: VNIIM

TITLE: Dual photoelectric microscope for comparison of divisions on linear scales

SOURCE: USSR. Komitet standartov, mer i izmeritel'nykh priborov. Trudy institutov Komiteta, no. 78(138), 1965. Issledovaniya v oblasti lineynykh izmereniy (Research in the field of linear measurements), 49-63

TOPIC TAGS: ~~photoelectric~~ microscope, photoelectric method, photoelectric tracking, optic scanning, photoelectric scanning, automatic scale, reading equipment, metrology

ABSTRACT: A dual photoelectric scale comparator microscope for direct measurement of linear displacement differences between two scales is described. This instrument has the advantage over the majority of photoelectric microscopes designed for line alignment in that it generates through electronic means a direct readout of the difference between two linear scales under comparison. This is possible due to the conversion of linear displacement into the corresponding time interval that can be very accurately measured by conventional methods. The principle of operation is as follows: The images of lines on the scale are scanned by means of a vibrating mirror in the plane of a fixed slit. At the instant of the crossing of the slit by the line image the light

Card 1/3

ACC NR: AT7000581

flux is modulated, and a photodetector converts the modulated light into electrical impulses. An electrical coincidence circuit generates an output pulse if, and only if the pulses generated during the forward and during the reverse motion of the mirror coincide, i. e., the optical axis of the instrument coincides with the center of the line being scanned. There are two independent scanning systems, one for each scale, which are identical in construction and operation. When the position of two lines on two scales is compared the pulse which occurs first, when both scanners traverse their respective scales (the scales are mounted on precision tables driven at uniform speed through lead screws), opens a gate which admits pulses from a calibrated pulse generator into a bidirectional counter. The second pulse from the photoelectric microscope turns the gate off. The relation between the pulse repetition rate, the scanning speed, and the units of length is accurately known and fixed. Hence, the pulse count displayed on the counter is an accurate measure of the difference in the position of the marks on the two scales being compared. Two versions of the instrument are described: one for comparing two parallel scales, the other for scanning two scales located one behind the other on the same axis. The optical system of the latter version is shown in Figure 1. The scales 7 and 7' are illuminated by the light source 3. Two identical optical systems image the scale lines into the plane of two fixed slits 1 and 1', respectively. The scanning of the line images across the fixed slits is due to the motion of the vibrating mirrors 8 and 8'. The modulated light is converted into electrical signals by the photodetectors 4 and 4'. The authors have experimentally investigated the accuracy of both systems and found it to be well below one micron.

Card .2/3

ACC NR: AT7000581

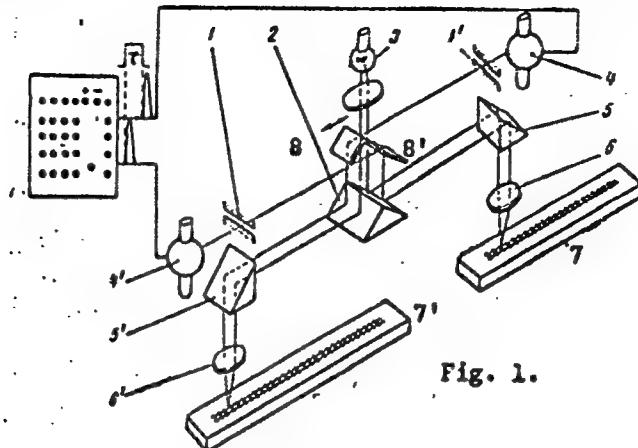


Fig. 1.

(total error). The effects of various instabilities in the optical, mechanical, and electronic systems on the magnitude of error are discussed and the results of actual measurements included. Orig. art. has: 7 figures, 4 tables.

SUB CODE: 09,14/

SUBM DATE: 08Jul64/

ORIG REF: 008/

OTH REF: 002

Card 3/3

YEMEL'YANENKO, O.V.; TRISHIN, N.V.

Instrument for studying kinetic effects in semiconductors.
Prib.i tekhn.eksp. no.1:98-99 Ja.'60. (MIRA 13:6)

1. Fiziko-tehnicheskly institut AN SSSR.
(Semiconductors—Electric properties—Testing)

69086

S/120/60/00/01/027/051

E192/E382

24.7600

AUTHORS:

Yemel'yanenko, O.V. and Trishin, N.V.

TITLE:

An Instrument for the Investigation of the Kinetic Effects in Semiconductors

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, Nr 1,
pp 98 - 99 (USSR)

ABSTRACT: The device described is a laboratory instrument suitable for the measurement of the electrical conductivity, the Hall effect, Nernst-Ettingshausen effect, and the thermal emf's in semiconductor samples at temperatures ranging from 80 - 900 K. The diagram of the instrument is shown in the figure on p 99. The investigated sample 5 is placed between two graphite blocks 1 which clamp the sample due to the tension of the spring 4. The blocks are furnished with side grooves 2 and centre holes. Porcelain tubes are placed in these holes in order to accommodate the thermocouples 6. The probes for the measurement of the electrical conductivity and the Hall and Nernst-Ettingshausen effects are made of tungsten wire, having a diameter of 0.1 mm and are situated in the grooves of the upper block. The probe and

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E192/E382

An Instrument for the Investigation of the Kinetic Effects in
Semiconductors

the thermocouple wires are insulated by means of quartz capillary tubes 11. The upper block is fixed to a glass stem by means of a fine steel tube 8. The glass stem contains all the output wires. Before the measurements, the device is evacuated and then filled with an inert gas. The blocks and the sample are heated or cooled externally. For this purpose, the instrument is inserted into a two-section tubular oven. Each section (A and B) heats one of the blocks. If it is necessary to carry the measurements at low temperatures, the instrument, together with the oven, is placed into the stream of evaporating nitrogen. The outer diameter of the device is 12.5 mm, the diameter of the blocks being 10 mm. The investigated samples can have dimensions ranging from

$1 \times 2.5 \times 6 \text{ mm}^3$ to $4 \times 6 \times 30 \text{ mm}^3$. The instrument reaches a thermal equilibrium in about 20 to 30 min. The samples can easily be removed by taking out the lower block. The measurements are carried out as follows. The "heater" and

V

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An Instrument for the Investigation of the Kinetic Effects in
Semiconductors

the "refrigerator" of the device produce a temperature difference along the sample. This is determined by the thermocouples. The thermal emf can also be determined by means of the thermocouples. In order to determine the Hall effect, the instrument should be placed in a magnetic field. The authors thank D.N. Nasledov for his interest in this work. There are 1 figure and 3 Soviet references.

ASSOCIATION: Fiziko-tehnicheskiy institut AN SSSR (Physics-
engineering Institute of the Ac.Sc., USSR)

SUBMITTED: January 2, 1959

✓

Card 3/3

KASHIRSKIY, F.M., zhurnalist; Prinimali uchastiye: LEVIN, I., zhurnalist;
MURZIN, A., zhurnalist; CHERNYSHEV, E., zhurnalist; TRISHIN, V.a.
zhurnalist; GUSEVA, D., zhurnalist; MAKAROV, D., zhurnalist;
NIKOLASHIN, V., zhurnalist; NAUMENKO, I., zhurnalist; MOROZOV, P.,
zhurnalist; KORNILOVA, M.I., red.; SHIKIN, S.T., tekhn.red.

[Innovators in the seven-year plan; on a voluntary basis]
Zachinateli novogo v semiletke; na obshchestvennykh nachalakh.
Moskva, Izd-vo VTsSPS Profizdat. No.6. 1961. 42 p.

(MIRA 15:2)

(Technological innovations)

SKARUTSKIY, A.A. (Barsa-Kel'meskiy zapovednik); TRISHIN, V.P., (s.Kozel'shchina,
Poltavskoy oblasti); ZAMORSKIY, A.D., prof. (Leningrad).

Rare forms of solar halo. Priroda 46 no.10:79-81 O '57. (MIRA 10:10)
(Sun--Corona)

FR 15/11/10, V. I.

26-10-10/44

AUTHORS: Skarutskiy, A.A., Barsa-Kel'messkiy Reservation;
Trishin, V.P., Village of Kozel'shchina, Poltava oblast , and
Zamorskiy, A.D., Professor (Leningrad)

TITLE: Rare Forms of Solar Halo (Redkiye formy solnechnogo galo)

PERIODICAL: Priroda, 1957, No 10, pp 79-81 (USSR)

ABSTRACT: Two "Priroda" readers, Zarutskiy and Trishin sent in reports about solar haloes of very unusual shape and size which were accompanied by several pseudo suns (Figures 1 and 2) and luminescent bows or stripes, they had observed in 1956. Professor Zamorskiy, whom the editors approached for information, says that such light phenomena or haloes are due to refraction and reflection of sunrays caused by tiny ice crystals in the air. Some forms are very unusual and originate from rare optical phenomena of the atmosphere.
There are 3 figures and 2 references, of which one is Slavic.

AVAILABLE: Library of Congress

Card 1/1

SEDYKH, V.S., kand.tekhn.nauk; DERIBAS, A.A., kand.fiz.-matem.nauk;
BICHENKOV, Ye.I., inzh.; TRISHIN, Yu.A., inzh.

Welding by explosion. Svar.proizv. no.5:3-6 My '62.
(MIRA 15:12)
1. Institut gidrodinamiki Sibirskogo otdeleniya AN SSSR.
(Explosives in welding)

37405

S/135/62/000/005/001/007
AC06/A101

AUTHORS: Sedykh, V. S., Candidate of Technical Sciences, Deribas, A. A.,
Candidate of Physical and Mathematical Sciences, Bichenkov, Ye. I.,
Trishin, Yu. A., Engineers

TITLE: Explosion welding

PERIODICAL: Svarochnoye proizvodstvo, no. 5, 1962, 3 - 6

TEXT: The possibility of explosion-welding similar and dissimilar metals [steels (T.3. (St.3) + St.3; St.3 + 1X18H9T (1Kh18N9T), M3 + M3; OT4 + OT4; OT4 + M3; 1Kh18N9T + M3 and 1Kh18N9T + A/H(ADN)] was experimentally investigated. (See Figure 1). Plates 150 - 200 mm long, 20 - 40 mm wide and 1.5 - 15 mm and 1.5 - 4 mm thick were welded. The variable values were: distance h between the plate surfaces, angle α between the plates along the longitudinal axis of the samples, and the charge height of the explosive. Explosion welding makes it possible to obtain weld joints in the solid phase without the formation of intermediate chemical components between dissimilar metals and alloys. In explosion welding, the joint is produced under the effect of the energy of the scattering

Card 1/3

S/135/62/000/C05/001/007
A006/A101

Explosion welding

explosive detonation products upon the surfaces to be welded which are arranged to each other at a certain angle. During their collision, a cumulative jet is being formed, and the motion of the movable plate along the fixed one causes the tangential shift of their surface layers. The tangential discontinuity of speed which then occurs is accompanied by an increase of disturbances. The jet destroys and carries away oxide films and other non-metallic inclusions from the surfaces to be joined. The disturbances, additionally to tangential shifts, cause the joint formation of "waves" on the surfaces to be joined at the collision points; they are thereby approached to distances which are necessary for the arising of metallic bonds between the parts, and the junction surface is thus increased. The explosive type is an important factor in explosion welding; best results were obtained with low-density granular materials such as Hexogen, etc. Explosion welding can be used in the manufacture of blanks for bimetal rolling, cladding of structural steel surfaces with metals and alloys, having particular physical and chemical properties; and for welding dissimilar metal blanks and parts. The authors thank Academician M. A. Lavrent'yev for his assistance. There are 9 figures, 1 table and 9 references: 6 Soviet-bloc and 3 non-Soviet-bloc.. X

Card 2/3

Explosion welding

S/135/62/000/005/001/007
A006/A101

ASSOCIATION: Institut gidrodinamiki Sibirskogo otdeleniya AN SSSR (Institute of Hydrodynamics at the Siberian Branch of AS USSR)

Figure 1. Schematic diagram of explosion-welding of specimens

Legend: 1 - rigid base

2, 3 - plates to be welded

4 - explosive charge

5 - detonator

γ - angle between the plates

h - least distance between the plates



Card 3/3

PERESHIVKIN, A.; TRISHKIN, I.

Mixed crews of mechanizers. Na stroi.Ros. 3 no.8:20-21 Ag '62.
(MIRA 15:12)

1. Upravlyayushchiy trestom TSentropspetsstroy Ministerstva
stroitel'stva RSFSR (for Pereshivkin). 2. Starshiy inzh. tresta
TSentropspetsstroy Ministerstva stroitel'stva RSFSR (for
Trishkin).

(Omsk Province—Excavation)

ACC NR: AR6033765

SOURCE CODE: UR/0058/66/000/007/A020/A020

AUTHOR: Kayak, L. K.; Toropin, S. I.; Trishin, N. V.; Yachmentsev, O. V.

TITLE: Double photoelectric microscope for comparing subdivisions of caliper
measures of length ^{QM}

SOURCE: Ref. zh. Fizika, Abs. 7A173

REF SOURCE: Tr. in-tov Gos. kom-ta standartov, mer i izmerit. priborov
SSSR, vyp. 78(138), 1965, 49-63

TOPIC TAGS: microscope, error measurement, measurement

ABSTRACT: A double photoelectric microscope and special electronic equipment
for measuring the differences in length of comparable caliper measures are
described. An investigation of measurement accuracy is carried out. The use of
the device increases the efficiency of comparison by a considerable factor and
permits the reduction of measurement errors. Bibliography of 10 titles. Ye. Ki-
yaev. [Translation of abstract]

SUB CODE: 14/

Card 1/1

PEKEN'G, Kh., kand.biolg.nauk; BOGDANOVSKIY, A., starshiy nauchnyy sotrudnik;
TRISHKIN, S., starshiy nauchnyy sotrudnik

Derivatives of triazine and urea in potato plantings. Zashch.rast.st
vred.i bol. 10 no.4:27-28 '65. (MIRA 18:6)

1. Gomel'skaya oblastnaya sel'skokhozyaystvennaya optychnaya stantsiya.

TRIKHIN, Valentin Sergeyevich; BORODIN, N.M., red.

[Workers' labor productivity in the forest economy] Pro-
izvoditel'nost' truda rabochikh v lesnom khoziaistve.
Moskva, Izd-vo "Lesnaia proryshlennost', " 1964. 132 p.
(MIRA 17:8)

TRISHINA, Anna Andreyevna

Diathermy and Electrical Fields "U.V.Ch." in Therapeutics of
Hypertonical diseases

Dissertation for candidate of a Medical Science degree. Chair of the
Department of Therapeutics (head, Prof. L.A. Varshamov) Saratov Medical
Institute, 1947

TRESHINA, A. A.

BYREYEV, P.A., prof.; VARESHAMOV, L.A., prof.; VOLINSKIY, B.G., dotsent; GERASIMOV, N.V., dotsent; GUREVICH, L.I., dotsent; ZHELYABOVSKIY, G.M., prof.; KARTASHOV, P.P., prof.; KOCHETOV, K.P., dotsent; KHUGLOV, A.N., prof.; KUTAHIN, M.P., prof.; LARINA, V.S., dotsent; LOBKO, I.S., doktor [deceased]; LUKOVA, A.I., prof.; MAKHLIM, Ye.Yu., prof.; NAUMOV, A.I., kand.med.nauk; POPOV'YAN, I.M., prof.; SOLUN, N.S., kand.med.nauk; TARABUKHIN, M.M., dotsent; TRET'YAKOV, K.N., prof.; TRESHINA, A.A., kand.med.nauk; UL'YANOVA, A.V., dotsent; PAYN, A.E., kand.med.nauk; FAKTOROVICH, A.M., dotsent; FRANKFURT, A.I., prof.; FISHER, L.I., dotsent; CHASOVNIKOVA, Ye.P., kand.med. nauk; SHAMARIN, P.I., prof.; SHAPIRO, M.Ya., dotsent; SHVARTS, L.S., prof.; SHUSTERMAN, I.B., dotsent; FOY, A.M., prof.; FREYDMAN, S.L., kand.med.nauk; NIKITIN, B.A., dotsent, red.; AFANAS'YEV, I.A., red.; LUKASHEVICH, V., tekhn.red.

[Concise medical reference book] Kratkii terapevticheskii spravochnik. Izd.3., ispr. i dop. Saratov, Saratovskoe knizhnoe izd-vo, 1959. 919 p. (MIRA 13:7)

1. Chlen-korrespondent AMN SSSR (for Tret'yakov).
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

TRISHINA, A.A.

Modification of certain factors of blood coagulation in Botkin's
disease. Klin.med., Moskva 29 no.5:87-88 May 1951. (CIML 20:9)

1. Of the Propedeutic Therapeutic Clinic (Director--Prof. I.I.
Tsvetkov), Saratov Medical Institute, Saratov.

TRISHINA, A.A.

Functional state of the liver in workers of the petroleum industry. Gig.i san. no.3:49-50 Mr '55. (MIRA 8:5)

1. Iz propedevticheskoy terapevcheskoy kliniki Saratovskogo meditsinskogo instituta.
(LIVER--DISEASES)
(PETROLEUM WORKERS--DISEASES AND HYGIENE)

TRISHINA, A.A., dotsent (Saratov)

Problem of hyperthermia in hypertension. Klin.med. 34 no.5:78-80
My '56. (MIRA 9:10)

1. Iz propsevticheskoy terapevicheskoy kliniki (zav. prof. I.I.
TSvetkov) Saratovskogo meditsinskogo instituta
(HYPERTENSION, physiology,
fever (Rus))

PIL'SHCHIKOV, A.I.; TRISHINA, Z.D.; ZVEREVA, T.A.

Ferromagnetic resonance in nonhomogeneous conditions. Izv,AN
SSSR.Ser.fiz. 20 no.11:1299-1309 N '56. (MLRA 10:5)

1.Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta
im. M.V. Lomonosova.
(Ferromagnetism)

Trishina, Z.D.

TRISHINA, Z.D.

AUTHOR:

Pil'shchikov, A.I., Trishina, S.D., and Svera T.A.

TITLE:

Ferromagnetic Resonance under Non-Homogeneous Conditions (Ferromagnitnyy rezonans pri neodnorodnykh usloviyakh)

PERIODICAL:

Izvestiya Akademii Nauk, Vol. XX, #11, pp 1299 - 1309
1956, USSR, Seriya fizicheskaya

ABSTRACT:

This work is a continuation of previous works by Pil'shchikov (5,6). The goal of this investigation was to study in detail the effect of non-homogeneous demagnetizing fields on samples with equal properties, in order to establish the functional dependence of ferromagnetic resonance parameters on the demagnetizing factor and to trace the changes in the absorption and dispersion curves.

Samples made of Permalloys of the "HXC-80" (NKhS-80) and "50-H" (50-N) types were used. The experimental results obtained with Permalloy "NKhS-80" and changes in the shape of experimental curves with the rise of demagnetizing factor, agree with the analogous results of the previous work (5).

Card 1/3

TITLE:

Ferromagnetic Resonance under Non-Homogeneous Conditions (Ferromagnitnyy rezonans pri neodnorodnykh usloviyakh)

Samples #1 and #2 in the article show a good agreement of experimental points with theoretical curves, but the other 3 samples show considerable divergences. The data obtained from the chrome Permalloy samples permitted to establish the character of dependence of relaxation frequency on the value of the demagnetizing factor. This dependence is represented by Fig. 5. An essential conclusion can be drawn from the curve pictured in Fig 5: the presence of even comparatively weak demagnetizing fields affects very strongly the frequency of relaxation.

With samples of Permalloy "N-50", the effect of very strong demagnetizing fields was studied, for they provide conditions for resonance in a sample which did not reach saturation magnetization. This condition was manifested in the character of deviations of the experimental points from the theoretical curves.

Card 2/3

TITLE: Ferromagnetic Resonance under Non-Homogeneous Conditions (Ferromagnitnyy rezonans pri neodnorodnykh usloviyakh)
The bibliography lists 6 references, of which 2 are Slavic (Russian). The article contains 8 graphs and 4 tables.

INSTITUTION: The Faculty of Physics of the State University imeni M.V. Lomonosov in Moskva

PRESENTED BY:

SUBMITTED: No date

AVAILABLE: At the Library of Congress
Card 3/3

TRISHKIN, S.A.

Effect of monuron on potatoes. Bot.; issl.Bel.otd.VBO
no.7:206-210 '65.
(MIRA 18:12)

TRISHKINA, E. T., (Junior Scientific collaborator, All-Union Institute
of Experimental Veterinary Medicine)

Erythromycin for bacillary erysipelas and pasteurellosis in swine.

Veterinariya vol. 38, no. 9, September 1961, pp. 73

TRISHKINA, Ye.S.

Studying the physical properties of snow and metamorphic processes
within the snow mass. Inform. sbor. o rab. Geog. fak. Mosk. gos un po
Mezhdunar. geofiz. godu no.1:289-294 '58. (MIRA 12:3)
(Snow)

SARKISOV, A.Kh., prof.; TRISHKINA, Ye.T., kand. veter. nauk

Resistance of pathogenic micro-organisms to antibiotics.
Veterinariia 42 no.11:19-23 N '65. (MIRA 19:1)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

- SARKISOV, A. Kh.; TRISHKINA, Ye. T.

"Sensitivity of pathogenic microorganisms to various antibiotics."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Antibacterial Lab, All-Soviet Inst Experimental Veterinary Medicine, Min of
Agriculture USSR, Moscow.

TRISHKINA, Ye.T., mladshiy nauchnyy sotrudnik

Use of erythromycin against bacillary erysipelas and
pasteurellosis in swine. Veterinariia 38 no.9:73-76 S '61.
(MIRA 16:8)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

SARKISOV, A.Kh.; TRISHKINA, Ye.T.

Antibiotic sensitivity of micro-organisms pathogenic to farm
animals and poultry. Antibiotiki 10 no.1:76-78 Ja '65.

(MIRA 18:4)

I. Laboratoriya antibiotikov (zav. - prof. A.Kh.Sarkisov)
Vsesoyuznogo instituta eksperimental'noy veterinarii, Moskva.

TRISHKINA, Yo.T.

Experimental study of erythromycin and its effectiveness in erysipelasous
infection. Antibiotiki 7 no.6:539-543 Je '62. (MIRA 15:5)

1. Laboratoriya antibiotikov (zav. - prof. A.Kh. Sarkisov) Vsesoyuznogo
instituta eksperimental'noy veterinarii.
(ERYTHROMYCIN) (ERYSIPEROID)

12700-56 21T(1)/T JX

ACC NR: AP6005016

(A)

SOURCE CODE: UR/0346/65/000/011/0019/0023

AUTHORS: Sarkisov, A. Kh. (Professor); Trishkina, Ye. T. (Candidate of veterinary sciences)

ORG: All-Union Institute of Experimental Veterinary Medicine (Vsesoyuznyy institut eksperimental'noy veterinarii)

TITLE: The problem of resistance of pathogenic microorganisms to antibiotics

SOURCE: Veterinariya, no. 11, 1965, 19-23

TOPIC TAGS: veterinary medicine, antibiotic, microbiology, tetracycline

ABSTRACT: Because of the development of antibiotic-resistant microorganisms, the laboratory of antibiotics of VIEV studied the resistance to antibiotics of epizootic strains of bacteria during the period 1958-1965. Results of the study of 2029 strains of pasteurellosis, crysipelas, and paratyphus bacteria, including 1125 epizootic strains isolated during years of wide use of antibiotics in hog and poultry raising, and 56 museum strains isolated when antibiotics were not used in animal husbandry, show that resistance to antibiotics of agents causing erysipelas and pasteurellosis had not changed essentially. A study was made of the antibiotic resistance of 1120 strains of salmonella, including S. pullorum -- 546, S. enteritidis var. dublin -- 228, S. typhi murium -- 70, and S. cholerae suis -- 576. Essential changes in resistance to tetracycline of agents of paratyphus of calves and fowl

UDC: 619:616.98-085:615.779.9

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were not found. Considerable variation in resistance of individual populations to a single antibiotic was found, as was a lack of coincidence in results on resistance to chlortetracycline and data on oxytetracycline. The presence in nature of strains with natural resistance is noted. No strain resistant to *S. pullorum* was noted among 4950 chicks given daily doses of antibiotics for one month. Test results show that 3-months use of chlortetracycline in prophylactic doses in hens failed to produce resistant variants of *S. pullorum*. It is concluded that the problem of resistance in veterinary medicine is not as acute as in medicine. Orig. art. has: 4 tables.

SUB CODE: 06/ SUBM DATE: none

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Protection against overvoltage in industrial installations. Technicka. p. T51

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mikrobiologii a imunologii fakulty vseobecneho lekarstvi KU
v Praze, prednosta prof. dr. F. Patocka, DrSc.

(PNEUMONIA) (WOUNDS AND INJURIES)
(DRUG RESISTANCE MICROBIAL) (ANTIBIOTICS)
(TRACHEOTOMY) (TREPHINING) (LAPAROTOMY)

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ulty vseobecneho lekarstvi KU v Praze (prednosta: prof.dr.
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The manual contains four chapters on the causes for the loss of electric power from its production to its consumption, and on some designs and projects of electric installations. The third and fourth chapters describe assembly operations and methods of using electric installations with regard to the saving of electric power.

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Phasic development and child psychology. Ibid.:366-375

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L 1296U-00

ACC NR: AP6005658

SOURCE CODE: CZ/0079/65/007/002/0168/0169

6B

AUTHOR: Linhart, J.; Triska, K.

ORG: J. A. Komensky Pedagogic Institute, Czechoslovak Academy of Sciences, Prague

TITLE: Method used for studying the development of differentiation [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 168-169

TOPIC TAGS: man, psychometry

ABSTRACT: The development of differentiating ability in school children has a stepwise character. The results of intelligence tests are a function of the methods used for these tests. Some measure only the inventory of previously acquired ideas and associations; their gradual accumulation obeys the law of the growth curve. The tests of differentiation show on the other hand the ability to learn. Orig. art. has: 1 table. [JPRS]

SUB CODE: 05 / SUBM DATE: none / ORIG REV: 003 / OTH REF: 003

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L 12959-66

ACC NR: AP6005659

SOURCE CODE: CZ/0079/65/007/002/0169/0170

AUTHOR: Triska, K.; Linhart, J.

ORG: J.A. Komensky Pedagogic Institute, Czechoslovak Academy of Sciences, Prague

TITLE: Reliability of the tests and stability of the function of differentiation
[This paper was presented at the Third Interdisciplinary Conference on Experimental
and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to
23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 169-170

TOPIC TAGS: man, psychometry

ABSTRACT: 18 students were tested; the results indicated that the individual
stability of differentiation varies from one subject to another. The authors
discuss the possibility of designing a diagnostic device that would allow an
international comparability of results from differentiating tests. Orig. art.
has: 1 table. [JPRS]

SUB CODE: 05 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 001

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CZECHOSLOVAKIA

HEJLEK, J.; BILKOVA, D.; TRISKA, L.; Krajsky Institute of Public Health of the Southern Bohemia Krajsky Council (KUNZ Jihoceskeho KNV) - Krajska Control Laboratory (Kontrolni Laborator), Cesko Budejovice.

"Mass Testing of Distilled Water Used in Pharmacies."

Prague, Ceskoslovenska Farmacie, Vol 16, No 1, Jan 67, pp 43-45

Abstract: Some impurities caused by accumulation of precipitated hardness and insufficient cleaning of the distillation vessels were found. In some instances the first condensate obtained in a batch distillation is used, although it should be discarded. It is important to use potable water of a suitable quality when preparing distilled water for pharmaceutical purposes. Criteria for classification of distillation apparatus used at present in Czechoslovakia are discussed. Continuous analytical testing of distilled water is necessary. 7 Tables, 4 Czech references.
(Manuscript received 20 Aug 65).

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Growth of bacteria in ion-treated human and rabbit blood.
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1. Mikrobiologicke oddeleni KHEs a krajska kontrolni laborator
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(STAPHYLOCOCCUS) (STREPTOCOCCUS)
(DIPLOCOCCUS PNEUMONIAE) (ESCHERICHIA COLI)
(SALMONELLA TYPHOSA) (SALMONELLA TYPHIMURIUM)
(PSEUDOMONAS AERUGINOSA) (IONS) (HYDROGEN)
(MAGNESIUM) (CITRATES)

L 13-166 EWT(1)/EWT(m)/T/EWP(t)/EWP(b) IJP(c) JD/GG
ACC NR: AP5026919 SOURCE CODE: UR/0185/65/010/010/1123/1126

AUTHOR: Zakharko, Ya. M.; Triska, T. Y.--Triska, T. I.

ORG: L'vov State University im. I. Franko (L'viv's'kyy derzhuniversytyet)

SB
B

TITLE: The effect of a constant electric field on the yield of x-ray luminescence of NaI(Tl) single crystals

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 10, no. 10, 1965, 1123-1126

TOPIC TAGS: x ray effect, luminescence quenching, luminescent crystal, scintillator, electric field, electron hole, exciton, ionizing radiation, electron density, ^{single crystal}
ABSTRACT: The authors investigate the effect of a constant electric field on the intensity of stationary x-ray luminescence and the luminescence yield in scintillations of NaI(Tl) single crystals in order to obtain additional information on the role and relationships of the electron-hole and exciton components of excitation of the scintillator by hard ionizing radiation. Round platelets, about 1 mm thick, were cut in a dry box from large NaI(Tl) crystals. The x-ray luminescence was recorded with a 1195 microampere meter connected to the anode circuit of a photomultiplier (FEU-13B). A soft x-ray spectrometer with single-channel pulse-height analyzer was employed. With a negative potential on the electrode on the side upon which the x-rays are incident the light output decreases proportionally to the field intensity. The field effect decreases with a rise in the intensity of the exciting radiation and is practically imperceptible at a dose of 50--100 roentgen/min. On changing the

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sign of the applied voltage the dependence of the light output on the field intensity becomes more complex. The observed phenomena are explained by the redistribution of the density of the electrons released by the x rays throughout the volume of the crystal and by the effect of surface centers of luminescence quenching. The results indicate the important role of the electron-hole processes in the x-ray luminescence of alkali-halide scintillators. The dependence of the field effect on the polarity of the applied voltage indicates that at room temperature electron-hole recombination localized near the activator occurs. Orig. art. has: 2 figures and 1 formula.

SUB CODE: 20/ SUBM DATE: 21Dec64/ SOV REF: 006

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Congress, August 1953, Uncl.

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SO: ELEKTROTECHNICKY OBZOR (Electrical Engineering Review, Czechoslovakia)
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1. Pedagogic Institute J.A Komensky, Czechoslovak Acad. Sci., Prague. 2. K.Triska's address: Praha 1, Purkynova 2.

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